

FIG. 1

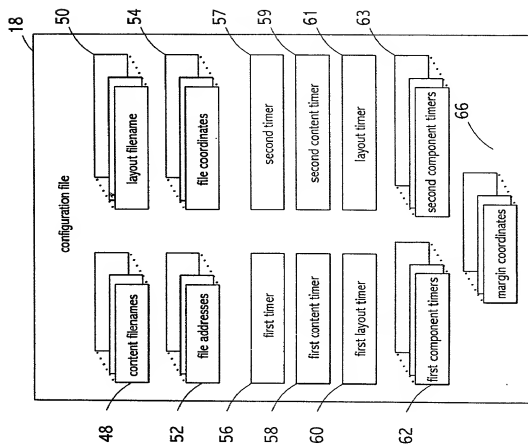


FIG. 2

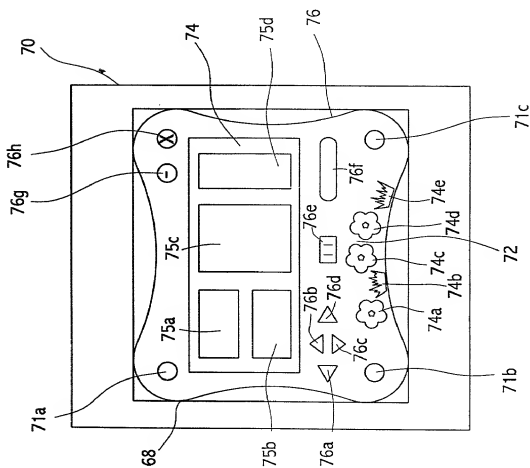


FIG. 3a

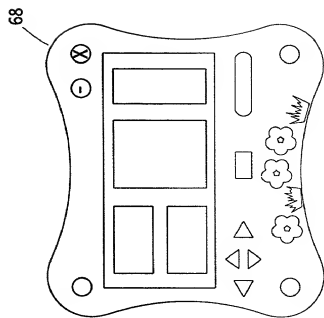


FIG. 3b

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graph TD; Start([Start]) --> 801[Client computer 22 sends a request to the server 12]; 801 --> 802[Server 12 receives the request and transmits a frame 70 and a file 18 to the client computer 22 in return, where the file 18 is generated by frame module 16 in the server 12]; 802 --> 803[Frame module 30 of the client computer 22 receives the file 18 and the configuration file 18]; 803 --> 804[Frame module 32 of the client computer 22 links to storage module 26 corresponding to file addresses 52 based on the file addresses 52 corresponding to the content filenames 48 or the layout filenames 50 in the configuration file 18, and downloads the content files corresponding to the content filenames 48 or the layout filenames 50]; 804 --> 805[Frame module 34 of the client computer 22 displays the content files on the frame 70 based on the file coordinates 54 corresponding to the content filenames 48 or the layout filenames 50 in the configuration file 18 to generate the user interface 68 on the frame 70]; 805 --> 806[Frame module 46 of the client computer 22 forms a margin region of the frame 70 beyond the margin coordinates 66 on the frame 70, and displays the content files on the margin region of the frame 70 beyond the margin 76]; 806 --> End([End]);
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Flowchart illustrating the process for displaying a frame and a file on a client computer:

- Start
- Client computer 22 sends a request to the server 12 (801)
- Server 12 receives the request and transmits a frame 70 and a file 18 to the client computer 22 in return, where the file 18 is generated by frame module 16 in the server 12 (802)
- Frame module 30 of the client computer 22 receives the file 18 and the configuration file 18 (803)
- Frame module 32 of the client computer 22 links to storage module 26 corresponding to file addresses 52 based on the file addresses 52 corresponding to the content filenames 48 or the layout filenames 50 in the configuration file 18, and downloads the content files corresponding to the content filenames 48 or the layout filenames 50 (804)
- Frame module 34 of the client computer 22 displays the content files on the frame 70 based on the file coordinates 54 corresponding to the content filenames 48 or the layout filenames 50 in the configuration file 18 to generate the user interface 68 on the frame 70 (805)
- Frame module 46 of the client computer 22 forms a margin region of the frame 70 beyond the margin coordinates 66 on the frame 70, and displays the content files on the margin region of the frame 70 beyond the margin 76 (806)
- End

FIG.4

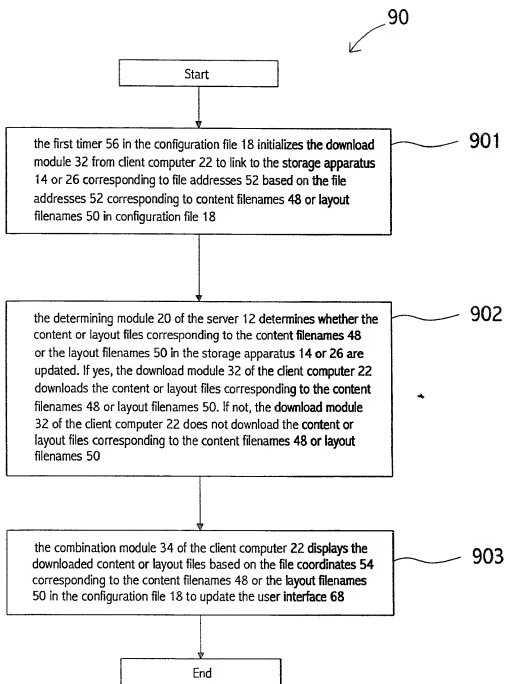


FIG.5

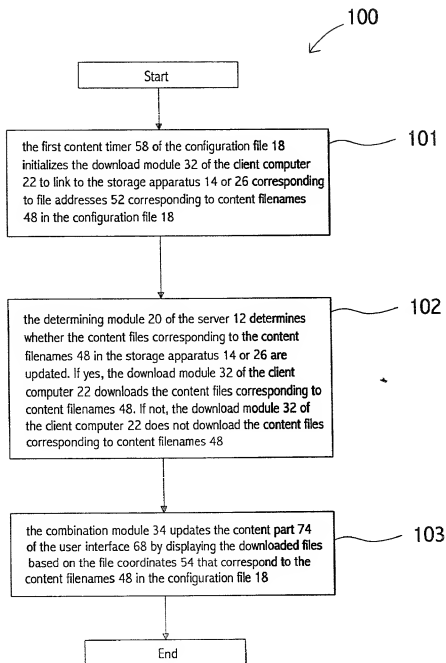


FIG.6

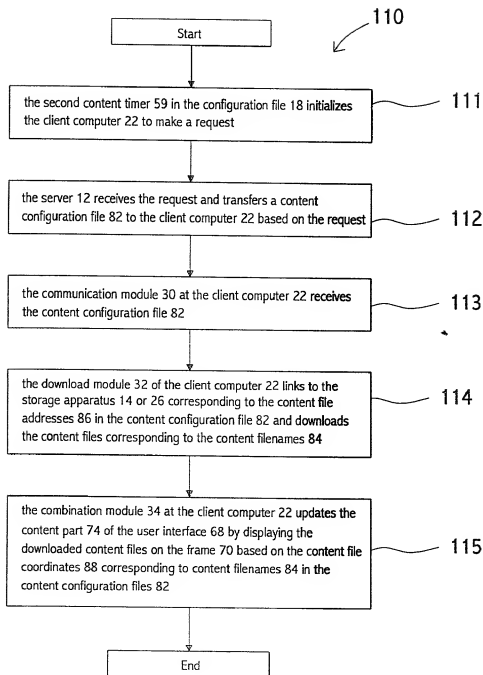


FIG. 7

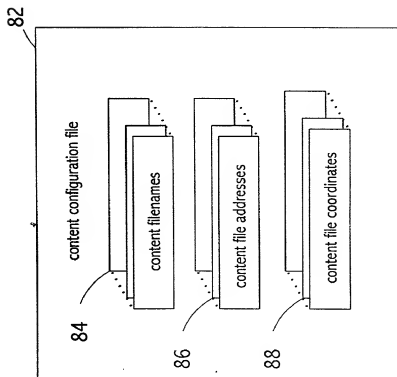


FIG.8



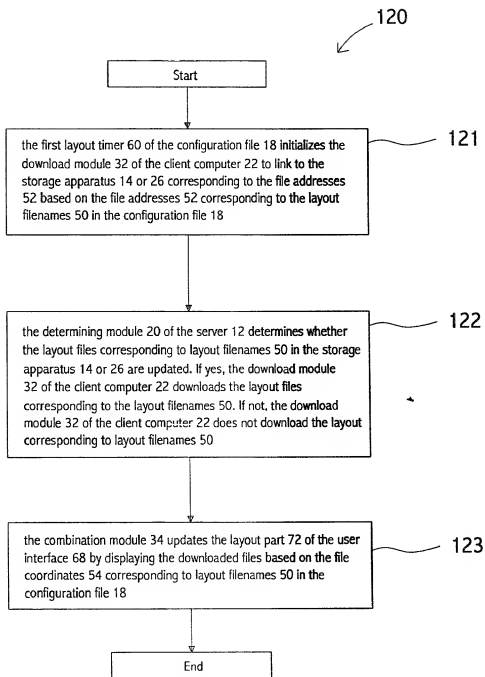


FIG.9

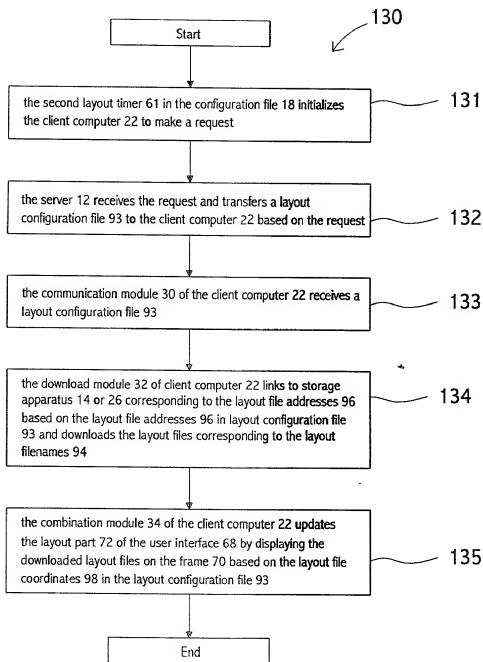


FIG.10

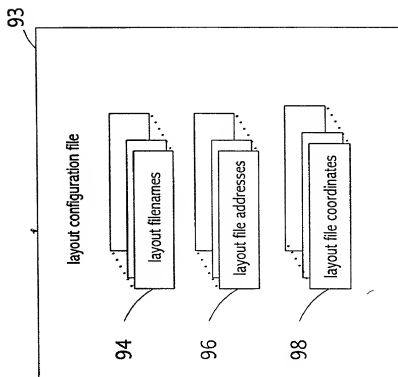


FIG.11

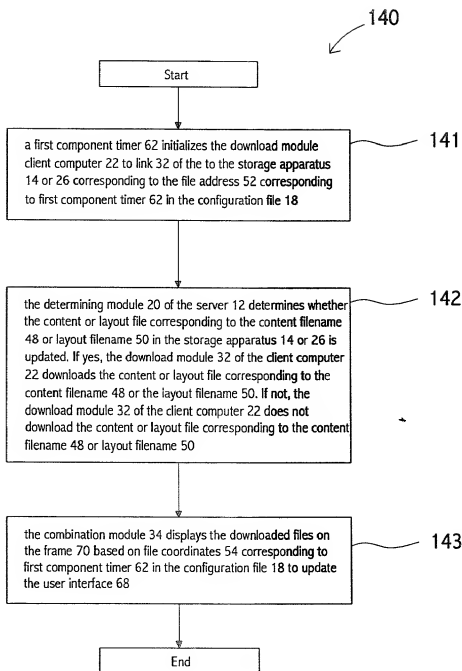


FIG.12

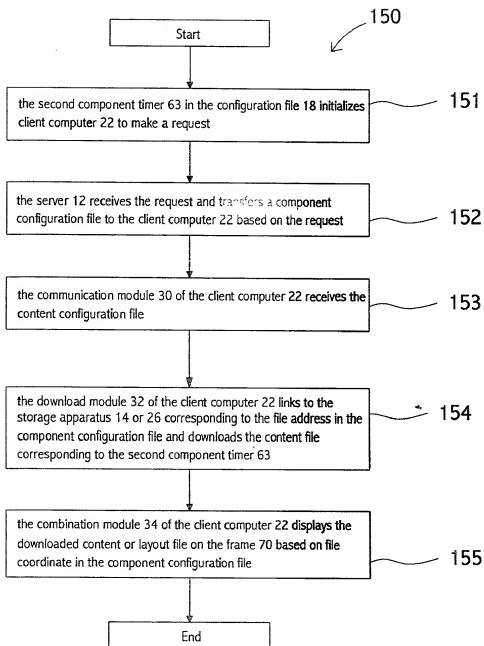


FIG.13

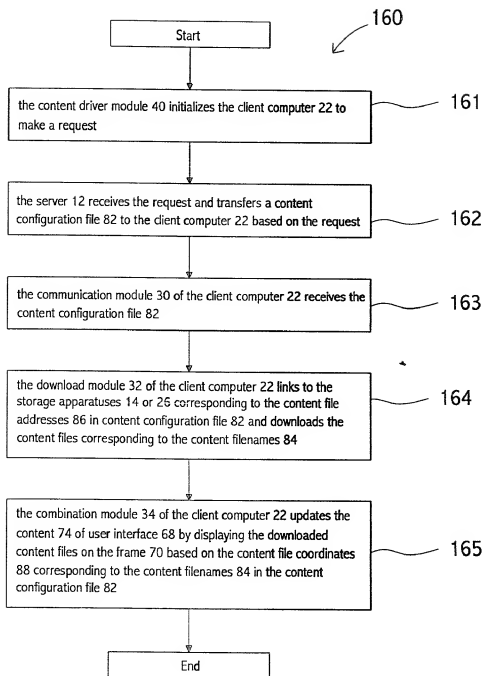


FIG. 14

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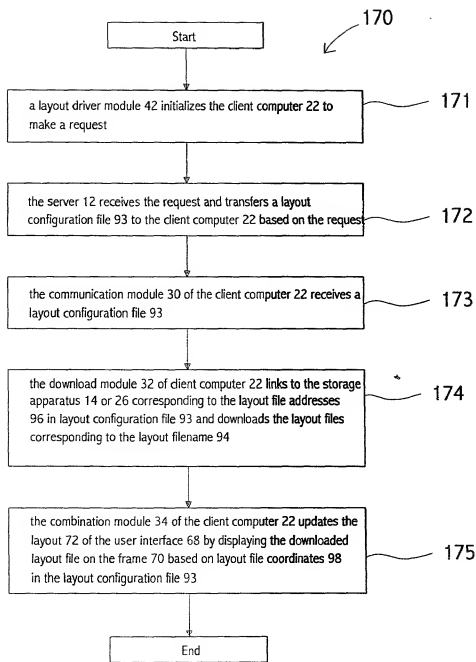


FIG.15

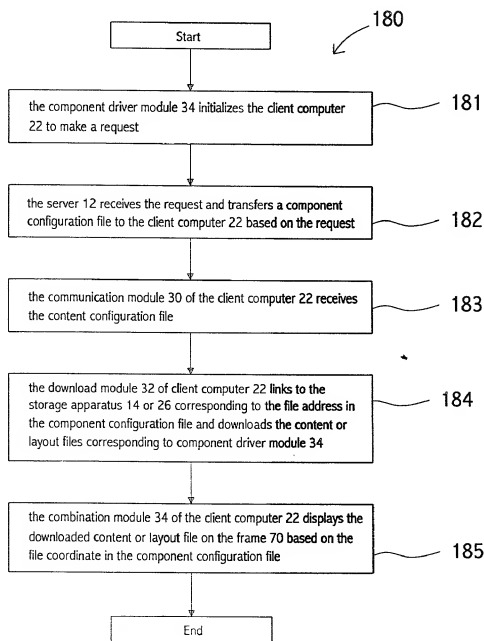


FIG.16